**The Great Fossil Find**

**Poster Rubric**

* **Interpretation of fossil evidence**
* **Understand reconstruction and restoration as a paleontology process**
* **Evalute evidence and make reasonable conclusions**
* **ROLE: Paleontologists presenting to a conference**
* **Audience: Presenting to a Conference of Paleontologists**
* **Format: Poster, Video – must be ready to share by next class**
* **Topic: A New Fossil Discovery**

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|  | Advanced | Proficient | Partially Proficient | Below Proficiency |
| Animal Reconstruction  \*Using group data table  \*Typed chart summary to be placed on poster | Type of animal you think your fossils were, updated over the 5 days and why is explained using evidence from data table | Less than 5 days evaluated and explained thoroughly | Less than 4 days evaluated and explained or lacking detail | Less than 3 days evaluated and explained or lacking details |
| Paragraph – Animal Restoration:  Habitat  Food  Movement | A thorough paragraph explaining where the animal might have lived, food, how it moved and why? Evidence explained. Drawing of the animal restored. | Partial explanation of animal’s restoration, partial drawing | Minimal explanation for home, food, movement. No drawing | Little or no restoration explained. No drawing |
| Fossil Reconstruction | Fossil is completely reconstructed and placed on poster reasonably and neatly, labeled, noting unique features | Fossil is placed on poster with some thought to accuracy and labeling | Missing parts of fossil, some parts unreasonable, lacking neatness. | Missing most of the reconstruction, messy, little thought to accuracy |
| Final Summary Conclusion:  \*What evidence would help you interpret this fossil?  \*Did you have to make assumptions?  \*Do you think this resembles real life science? How? | Thorough and well thought out paragraph conclusion, clear use of the vocabulary  Possible Vocabulary: fossil, evidence, interpret, evaluate, assume, observe, infer | Most of the questions addressed thoroughly or lacking some depth on conclusion prompts, some vocabulary used | Some depth in the conclusion, lacking depth and use of vocabulary | Little or no thought into using scientific vocabulary or explaining conclusion |